

10/759,416 LWW
11/21/2007

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	41	ansari-a.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:05
L2	4	((nucleic adj acid) or (Dna adj sequence)) same ((entropy or entropic) with(stabilize or destabilize or unstable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:08
L3	5	((nucleic adj acid) or (Dna adj sequence)) same ((entropy or entropic) with ((stabilize or destabilize or unstable) or (temperature adj sensitive) or conditional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:09
L4	25	((nucleic adj acid) or linker or (Dna adj sequence)) same ((entropy or entropic) with ((stabilize or destabilize or unstable) or (temperature adj sensitive) or conditional))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:24
L5	14	L4 and @ad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:23
L7	3783	((anchor or (DNA adj binding adj domain)) same (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:20

EAST Search History

L8	2687	((anchor or (DNA adj binding adj domain)) same (polyamide or intercalator or (major adj groove adj binding adj oligonucleotide) or (triple adj helix adj forming adj oligonucleotide) or (triplex adj forming adj oligonucleotide) or (peptide adj nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or ("C.sub.1-6" adj alkyl) or (polycyclic adj aromatic adj hydrocarbon)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:20
L10	1789	(sequence near2 specific) with ((transcription or regulatory) adj factor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:23
L11	5106	((nucleic adj acid) or linker or (Dna adj sequence)) same aptamer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:22
L12	12	(modulate near2 binding) same ((sequence near2 specific) with ((transcription or regulatory) adj factor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:23
L13	6	L12 and @ad<"20030116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:23
L14	1	L4 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 11:24

Dialog 10/759416
LMM
11/21/2007

?
? d s
Set Items Description
S1 8 S ((NUCLEIC (W) ACID) OR LINKER OR (DNA (W) SEQUENCE)) (S) ((ENTROPY OR
ENTROPIC) (9N) ((STABILIZE OR DESTABILIZE OR UNSTABLE) OR (TEMPERATURE (W) SENSITIVE) OR
CONDITIONAL))
S2 3 RD (unique items)
S3 306 S ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) (S) (POLYAMIDE OR INTERCALATOR
OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W)
OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC ADJ
ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W) ALKYL) OR (POLYCYCLIC
(W) AROMATIC (W)HYDROCARBON)))
S4 0 S S3 AND ((MODULATE (2N) BINDING)(S) ((SEQUENCE (W) SPECIFIC) (9N)
((TRANSCRIPTION OR REGULATORY) (3N) FACTOR)))
S5 1370 S ((NUCLEIC (W) ACID) OR LINKER OR (DNA (W) SEQUENCE)) (S)APTAMER
S6 2 S S5 AND S3

?

[File 172] **EMBASE Alert** 2007/Nov 09
(c) 2007 Elsevier B.V. All rights reserved.

[File 185] **Zoological Record Online(R)** 1864-2007/Oct
(c) 2007 The Thomson Corp. All rights reserved.

**File 185: The file has been reloaded to add archive records back to 1864. Accession numbers have changed.*

[File 357] **Derwent Biotech Res.** 1982-2007/Oct W3
(c) 2007 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2007/Sep W4
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Database - Reactions** 2007/Q3
(c) 2007 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

? s ((nucleic (w) acid) or linker or (Dna (w) sequence)) (s) ((entropy or entropic) (9n)
((stabilize or destabilize or unstable) or (temperature (w) sensitive) or conditional))

Processing

Processing

Processing

Processing

648207	NUCLEIC
12810287	ACID
510037	NUCLEIC (W) ACID
85195	LINKER
5328785	DNA
3849116	SEQUENCE
331595	DNA (W) SEQUENCE
144368	ENTROPY
15229	ENTROPIC
111236	STABILIZE
14221	DESTABILIZE
305944	UNSTABLE
5124354	TEMPERATURE
2274557	SENSITIVE
81644	TEMPERATURE (W) SENSITIVE
126537	CONDITIONAL

S1 8 S ((NUCLEIC (W) ACID) OR LINKER OR (DNA (W) SEQUENCE)) (S) ((ENTROPY OR
ENTROPIC) (9N) ((STABILIZE OR DESTABILIZE OR UNSTABLE) OR (TEMPERATURE (W) SENSITIVE) OR

CONDITIONAL))

? rd

>>>W: Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S2 3 RD (UNIQUE ITEMS)

? t s2/medium

2/3/1 (Item 1 from file: 5) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Biosis Previews(R)

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18193768 Biosis No.: 200500099681

Probe selection algorithm for oligonucleotide array-based medium-resolution genotyping

Author: Zhou Y; Peng S; Gao H; Cheng J (Reprint)

Author Address: Dept Biol Sci and Biotechnol, Tsing Hua Univ, Beijing, China**China

Author E-mail Address: jcheng@tsinghua.edu.cn

Journal: Medical & Biological Engineering & Computing 42 (6): p 812-816 November 2004 2004

Medium: print

ISSN: 0140-0118

Document Type: Article

Record Type: Abstract

Language: English

? t s2/medium/2-3

2/3/2 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0372587 DBA Accession No.: 2005-18293 PATENT

Evaluating and identifying test compounds modulating binding of regulatory factors to nucleic acid binding sites comprises contacting nucleic acid target having test compound with regulatory factors and determining modulation in binding technique for the evaluation of gene regulation involving useful for a drug screening and functional genomics application

Author: ANSARI A Z

Patent Assignee: ANSARI A Z 2005

Patent Number: US 20050123936 **Patent Date:** 20050609 **WPI Accession No.:** 2005-416970 (200542)

Priority Application Number: US 759416 **Application Date:** 20040116

National Application Number: US 759416 **Application Date:** 20040116

Language: English

2/3/3 (Item 2 from file: 357) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Derwent Biotech Res.

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0360406 DBA Accession No.: 2005-06110

Probe selection algorithm for oligonucleotide array-based medium-resolution genotyping using bioinformatics for e.g. human leukocyte antigen genotyping and disease diagnosis

Author: ZHOU Y; PENG S; GAO H; CHENG J

Corporate Affiliate: Tsing Hua Univ Peking Univ Natl Engr Res Ctr Beijing Biochip Technol; Tsing Hua Univ

Corporate Source: Cheng J, Tsing Hua Univ, Dept Biol Sci and Biotechnol, Beijing, Peoples R China

Journal: MEDICAL and BIOLOGICAL ENGINEERING and COMPUTING (42, 6, 812-816) 2004

ISSN: 0140-0118

Language: English

? s ((anchor or (DNA (w) binding (w) domain)) (s)(polyamide or intercalator or (major (w) groove (w) binding (w) oligonucleotide) or (triple (w) helix (w) forming (w) oligonucleotide) or (triplex (w) forming (w) oligonucleotide) or (peptide (w) nucleic adj acid) or PNA or mitomycin or cisplatin or anthromycin or (C1-6 (w) alkyl) or (polycyclic (w) aromatic (w)hydrocarbon)))

Processing

Processing

Processing

Processing

70040	ANCHOR
5328785	DNA
4480290	BINDING
1537701	DOMAIN
55441	DNA(W) BINDING(W) DOMAIN
26440	POLYAMIDE
5185	INTERCALATOR
5866944	MAJOR
75308	GROOVE
4480290	BINDING
288835	OLIGONUCLEOTIDE
0	MAJOR(W) GROOVE(W) BINDING(W) OLIGONUCLEOTIDE
220396	TRIPLE
283918	HELIX
852700	FORMING
288835	OLIGONUCLEOTIDE
446	TRIPLE(W) HELIX(W) FORMING(W) OLIGONUCLEOTIDE
13047	TRIPLEX
852700	FORMING
288835	OLIGONUCLEOTIDE
915	TRIPLEX(W) FORMING(W) OLIGONUCLEOTIDE
1882739	PEPTIDE
0	NUCLEIC ADJ ACID
0	PEPTIDE(W) NUCLEIC ADJ ACID
28765	PNA
92609	MITOMYCIN
229258	CISPLATIN
3	ANTHROMYCIN
5	C1-6
613906	ALKYL
0	C1-6(W) ALKYL
184856	POLYCYCLIC
675465	AROMATIC
348719	HYDROCARBON
42006	POLYCYCLIC(W) AROMATIC(W) HYDROCARBON

S3 306 S ((ANCHOR OR (DNA (W) BINDING (W) DOMAIN)) (S)(POLYAMIDE OR INTERCALATOR OR (MAJOR (W) GROOVE (W) BINDING (W) OLIGONUCLEOTIDE) OR (TRIPLE (W) HELIX (W) FORMING (W) OLIGONUCLEOTIDE) OR (TRIPLEX (W) FORMING (W) OLIGONUCLEOTIDE) OR (PEPTIDE (W) NUCLEIC ADJ ACID) OR PNA OR MITOMYCIN OR CISPLATIN OR ANTHROMYCIN OR (C1-6 (W) ALKYL) OR (POLYCYCLIC (W) AROMATIC (W)HYDROCARBON)))

? s s3 and ((modulate (2n) binding)(s) ((sequence (2n) specific) (9n) ((transcription or regulatory) (3n) factor))

>>>W: Unmatched parentheses

>>>E: There is no result

? s s3 and ((modulate (2n) binding)(s) ((sequence (w) specific) (9n) ((transcription or regulatory) (3n) factor)))

Processing

Processing

Processing

306 S3
 353137 MODULATE
 4480290 BINDING
 3849116 SEQUENCE
 6942681 SPECIFIC
 1801116 TRANSCRIPTION
 1090129 REGULATORY
 6304650 FACTOR
 5 MODULATE (2N) BINDING (S) SEQUENCE (W) SPECIFIC (9N) (TRANSCRIPTION OR
 REGULATORY) (3N) FACTOR
 S4 0 S S3 AND ((MODULATE (2N) BINDING) (S) ((SEQUENCE (W) SPECIFIC) (9N)
 ((TRANSCRIPTION OR REGULATORY) (3N) FACTOR)))

? s ((nucleic (w) acid) or linker or (Dna (w) sequence)) (s) aptamer

Processing

Processing

Processing

648207 NUCLEIC
 12810287 ACID
 510037 NUCLEIC (W) ACID
 85195 LINKER
 5328785 DNA
 3849116 SEQUENCE
 331595 DNA (W) SEQUENCE
 8127 APTAMER
 S5 1370 S ((NUCLEIC (W) ACID) OR LINKER OR (DNA (W) SEQUENCE)) (S) APTAMER

? s s5 and s3

1370 S5

306 S3

S6 2 S S5 AND S3

? t s6/medium/all

6/3/1 (Item 1 from file: 357) Links

Derwent Biotech Res.

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0372587 DBA Accession No.: 2005-18293 PATENT

Evaluating and identifying test compounds modulating binding of regulatory factors to nucleic acid binding sites comprises contacting nucleic acid target having test compound with regulatory factors and determining modulation in binding technique for the evaluation of gene regulation involving useful for a drug screening and functional genomics application

Author: ANSARI A Z

Patent Assignee: ANSARI A Z 2005

Patent Number: US 20050123936 Patent Date: 20050609 WPI Accession No.: 2005-416970 (200542)

Priority Application Number: US 759416 Application Date: 20040116

National Application Number: US 759416 Application Date: 20040116

Language: English

6/3/2 (Item 2 from file: 357) Links

Derwent Biotech Res.

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0298765 DBA Accession No.: 2003-00549 PATENT

Novel dominant negative mutant sequence or constitutively active mutant sequence of Myo/V1 polypeptide, useful for treating cardiovascular disorders and inhibiting formation of NFkappaB homodimers mutant protein sequence, sense, antisense sequence and virus vector expression in host cell use in disease therapy and gene therapy

Author: SIVASUBRAMANIAN N; KNUEFERMANN P; MANN D L

Patent Assignee: BAYLOR COLLEGE MEDICINE 2002

Patent Number: WO 200245659 **Patent Date:** 20020613 **WPI Accession No.:** 2002-537532 (200257)

Priority Application Number: US 243985 **Application Date:** 20001027

National Application Number: WO 2001US51272 **Application Date:** 20011026

Language: English